

# The Metadata Tools & Editor

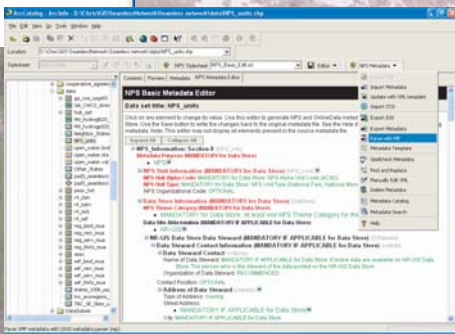
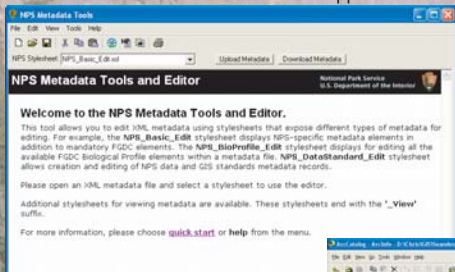
<http://science.nature.nps.gov/nrdata/tools>  
NPS Natural Resource & GIS Program



## What is the Metadata Tools & Editor?

The Metadata Tools & Editor is a custom software application for authoring and editing metadata. It extends the basic functionality of ArcCatalog™ for managing geospatial metadata and provides a stand-alone tool for creating and manipulating non-spatial metadata outside of ArcCatalog™. The Tools & Editor is the primary editor for NPS metadata that will be uploaded to the NR & GIS Data Store. While primarily designed for NPS users, the Tools & Editor features a number of powerful metadata editing capabilities that any metadata author is likely to find useful.

Metadata Tools & Editor Standalone Application



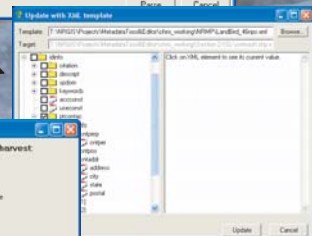
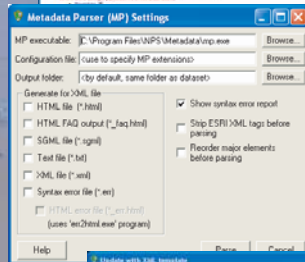
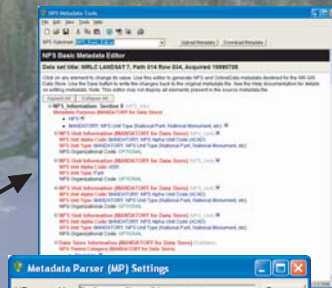
Metadata Tools & Editor ArcCatalog Extension

## How does the Metadata Tools & Editor work?

Like ArcCatalog™, the Tools & Editor uses XSL-based stylesheets to render XML metadata as HTML. Additional editing stylesheets provide the ability to create or edit metadata. Each stylesheet is tailored to a particular type of metadata and displays only the relevant elements or sections. NPS-specific stylesheets are based on the NPS Profile metadata extension that contains NPS-specific elements plus all elements in the ESRI, FGDC, and Biological metadata standards/profiles.

## What tools and features are available in the Metadata Tools & Editor?

- Edit Metadata: Tools & Editor uses stylesheets to provide a dynamic metadata authoring and editing experience.
- Parse with MP: configure and run Metadata Parser (MP) without leaving the Tools & Editor work session.
- Update with Template: Batch update XML metadata files using a metadata template file.
- Import ITIS metadata: import Integrated Taxonomic Information System (ITIS) metadata into an XML metadata file.
- Metadata Catalog: inventory selected metadata files on your system.



## What are the future plans for the Metadata Tools & Editor?

- Migration to the .NET application development platform.
- Seamless integration with metadata records on NR & GIS Data Store.
- Identical functionality between the ArcCatalog™ and stand-alone versions.
- Harvesting of entity and attribute metadata from database and spreadsheet files.
- Create editing stylesheets for each of the FGDC metadata sections.
- Enhance bulk editing of metadata records.



Dream Lake, Rocky Mountain National Park  
Photo courtesy David Raboin



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Download the Tools & Editor at:  
<http://science.nature.gov/nrdata/tools>

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